

HP

Exam Questions HPE6-A82

Aruba Certified ClearPass Associate Exam



NEW QUESTION 1

Which most accurately describes the "Select All Matches" rule evaluation algorithm in Enforcement Policies?

- A. Each rule is checked, and once a match is found, the Enforcement profile assigned to that rule is applied and the rule matching stops.
- B. All rules are checked
- C. And if there is no match no Enforcement profile is applied.
- D. Each rule is checked, and once a match is found, the Enforcement profile assigned to that rule is applied, along with the default Enforcement profile.
- E. All rules are checked for any matching rules and their respective Enforcement profiles are applied.

Answer: D

NEW QUESTION 2

Refer to the exhibit.

Services

Service	Authentication	Roles	Enforcement	Summary
Type:	Aruba 802.1X Wireless			
Name:	Test_Service			
Description:	Aruba 802.1X Wireless Access Service			
Monitor Mode:	<input type="checkbox"/> Enable to monitor network access without enforcement			
More Options:	<input type="checkbox"/> Authorization <input type="checkbox"/> Posture Compliance <input type="checkbox"/> Audit End-hosts <input type="checkbox"/> Profile Endpoints <input type="checkbox"/> Accounting Proxy			

Service Rule

Matches ANY or ALL of the following conditions:

	Type	Name	Operator	Value
1.	Radius: IETF	NAS-Port-Type	EQUALS	Wireless-802.11 (10)
2.	Radius: IETF	Service-Type	BELONGS_TO	Login-User(1), Framed
3.	Radius: Aruba	Aruba-[ssid]-Name	EXISTS	
4.	Radius: Aruba	Aruba-[ssid]-Name	EQUALS	CORP
5.	Click to add...			

Which user authentication request will match the service rules of the Policy Service shown?

- A. a wireless user connection would fail because of miss-configured service rules
- B. a wireless user connected to any SSID named "CORP"
- C. a wireless user connecting to any SSID on an Aruba Controller
- D. a wireless user connecting to an Aruba IAP on the SSID "CORP"

Answer: D

NEW QUESTION 3

What is an effect of the Cache Timeout setting on the authentication source settings for Active Directory?

- A. ClearPass will validate the user credentials, then, for the duration of the cache
- B. ClearPass will just fetch account attributes.
- C. The Cache Timeout is designed to reduce the amount of traffic between ClearPass and the A/D server by caching the credentials
- D. The Cache Timeout is designed to reduce the amount of traffic between ClearPass and the A/D server by caching the attributes.
- E. ClearPass will validate the user credentials on the first attempt, then will always fetch the account attributes

Answer: C

Explanation:

<https://community.arubanetworks.com/blogs/arunkumar1/2020/10/20/what-is-the-differencebetween-authentication-cache-timeout-and-machine-authentication-cache-timeout>

NEW QUESTION 4

Refer to the exhibit.

Rank	Field	Type	Label	Description
10	sponsor_name	text	Sponsor's Name:	Name of the person sponsoring this account.
15	sponsor_email	text	Sponsor's Email:	Email of the person sponsoring this account.
20	visitor_name	text	Your Name:	Please enter your full name.
25	visitor_phone	phone	Phone Number:	Please enter your contact phone number.
30	visitor_company	text	Company Name:	Please enter your company name.
40	email	text	Email Address:	Please enter your email address. This will become your username to log into the network.
50	start_time	datetime	Activation Time:	Scheduled date and time at which to enable the account. If blank, the account will be enabled immediately.

What does a bold field indicate?

- A. The field is currently enabled.
- B. The field is a non-system field
- C. The field has been customized
- D. The field is required

Answer: B

NEW QUESTION 5

Which authentication method requires a client certificate?

- A. PEAP
- B. Guest self-registration
- C. EAP-TLS
- D. MAC Authentication

Answer: C

NEW QUESTION 6

Which Authorization Source supports device profile enforcement?

- A. OnGuard Repository
- B. Endpoints Repository
- C. Guest User Repository
- D. Local User Repository

Answer: D

NEW QUESTION 7

Which is true regarding the Cisco Device Sensor feature in ClearPass? (Select two.)

- A. Requires the purchase of a supported Cisco Access Point licensed as an Aruba Monitor Mode A
- B. to then act as the sensor
- C. Forwards DHCP and HTTP user-agent info to ClearPass using Control and Datagram Transport Layer Security (DTLS) encapsulation
- D. Gathers raw endpoint data from Cisco Discovery Protocol (CDP) and Link Layer Discovery Protocol (LLDP)
- E. Forwards DHCP and HTTP user-agent info to ClearPass using RADIUS accounting packets
- F. Requires a Cisco Smart Net license to be installed on the Network Access Device (NAD) utilizing the feature

Answer: CE

NEW QUESTION 8

Which ClearPass feature assesses endpoint context and client device type?

- A. Profiling
- B. Posture
- C. Captive Portal
- D. Onboard

Answer: A

NEW QUESTION 9

Refer to the diagram.



Note: This Service is created by Servi

Summary Service Authentication Authorization Roles Enforcement

Authorization Details:

Authorization sources from which role mapping attributes are f

Authentication Source

1. [Endpoints Repository] [Local SQL DB]

Additional authorization sources from which to fetch role-mapp

[Time Source] [Local SQL DB] [Remove]

[Guest User Repository] [Local SQL DB] [View Details]

[Modify]

--Select to Add--

When creating a new ClearPass Service, the [Time Source] has been added as an authorization source. What time source is ClearPass referencing?

- A. the ClearPass server where insight Master has been enabled
- B. the local time setting found on the authenticating client machine
- C. the NTP (Network Time Protocol) source indicated in the Cluster settings
- D. the local clock of the ClearPass server doing the authentication

Answer: B

NEW QUESTION 10

Which are valid enforcement profile types? (Select two)

- A. Policy Service Enforcement
- B. RADIUS Change of Authorization (CoA)
- C. Aruba Script Enforcement
- D. ClearPass Entity Update Enforcement

Answer: BD

NEW QUESTION 10

Refer to the Endpoint in the screenshot.

What are possible ways that it was profiled? (Select two)

- A. Cisco Device Sensor
- B. Exchange Plugging agent
- C. 3rd part MDM
- D. DNS fingerprinting
- E. NAD ARP listening handler

Answer: CE

NEW QUESTION 13

What is a good collector type used for ClearPass to discover devices with static IP addresses?

- A. DHCP Collectors
- B. Network Functions
- C. Active Collectors
- D. ClearPass Air Monitors

Answer: B

NEW QUESTION 17

Which items can be obtained from device profiling? (Select three)

- A. Device Category
- B. Device Family
- C. Device Health
- D. Device Type
- E. Device Location

Answer: CDE

NEW QUESTION 21

Which option supports DHCP profiling for devices in a network?

- A. configuring ClearPass as a DHCP relay for the client
- B. DHCP profiling is enabled on ClearPass by default; configuration of the network access devices is not necessary
- C. enabling the DHCP server to profile endpoints and forward meta-data to ClearPass
- D. enabling DHCP relay on our network access devices so DHCP requests are forwarded to ClearPass

Answer: A

NEW QUESTION 24

Which statement is true about OnGuard? (Select two.)

- A. It is used to identify and remove any malware/viruses
- B. It is used to ensure that Antivirus/Antispyware programs are running
- C. It supports Doth Windows and Mac OS X clients
- D. It only supports 802 1X authentication

Answer: BC

NEW QUESTION 26

What are two ways to add guest accounts to ClearPass? (Select two.)

- A. Using the "Import Accounts" under ClearPass Guest
- B. Using the "Create Account" or "Create Multiple" options under ClearPass Guest
- C. Assigning the default role "Lobby Ambassador to a receptionist to then add the accounts
- D. Using the "Sync Accounts" under ClearPass Guest
- E. importing accounts from Active Directory once ClearPass is added with Admin credentials

Answer: AB

NEW QUESTION 31

Select all that apply

Match the security description to the term that best fits. Options are used only once.

Term	Description
Accounting	used to match a credential that is being submitted to an account representing the client
Authentication	applying access decisions based on attributes attached to the user's account
Client	the owner of an endpoint that is providing credentials
Authorization	the device which consumes networks resources
User	gathering the start and stop times of network access and ongoing health checks of an endpoint

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Term		Description
Accounting	Authentication	used to match a credential that is being submitted to an account representing the client
Authentication	Authorization	applying access decisions based on attributes attached to the user's account
Client	User	the owner of an endpoint that is providing credentials
Authorization	Client	the device which consumes networks resources
User	Accounting	gathering the start and stop times of network access and ongoing health checks of an endpoint

NEW QUESTION 35

What is true regarding Posturing and Profiling?

- A. Both Posturing and Profiling describe the same thing, what is the health of the client endpoint?
- B. Profiling describes categorizing the user based on their department while Posturing validates the user as authenticated
- C. Posturing and Profiling are role assignments in ClearPass used internally to map to enforcement policies.
- D. Profiling is the act of identifying the endpoint type while Posturing is assigning a status as to the health of the endpoint

Answer: A

NEW QUESTION 37

A customer is setting up Guest access with ClearPass. They are considering using 802.1X for both the Employee network and the Guest network. What are two issues the customer may encounter when deploying 802.1X with the Guest network? (Select two)

- A. the lack of encryption during the authentication process
- B. ClearPass will not be able to enforce individual Access Control policies.
- C. the high level of complexity for users to join the guest network
- D. Guests will not be able to be uniquely identified.
- E. difficult to maintain in an environment with a large number of transient guest users

Answer: CE

NEW QUESTION 39

An organization has configured guest self-registration with internal sponsorship. Which options can be configured to send guest users their credentials outside of the initial login web-page? (Select two)

- A. Configure a Short Message Service (SMS) Gateway under ClearPass Guest configuration.
- B. Configure the self-registration page for the guest to receive a Simple Mail Transport Protocol (SMTP) receipt
- C. Configure a Short Message Service (SMS) Gateway in ClearPass Policy Manager administration.
- D. Configure a Simple Mail Transport Protocol (SMTP) server in ClearPass Guest administration.
- E. Configure a Simple Mail Transport Protocol (SMTP) server in ClearPass Policy Manager administration

Answer: BE

NEW QUESTION 40

Aruba self-registration with sponsorship is a solution best applied to which type of network?

- A. a chain of auto part stores where employees are assigned mobile devices using a Mobile Device Manager (MDM) and public wireless is available for customers
- B. a large corporate environment with hundreds of contractors requiring wireless access to printers and internet but no other guest access is allowed
- C. a hotel where hundreds of guests are checked in and out of the building daily that may want access to wireless internet
- D. a chain of coffee shops using in a public downtown area with a high amount of guest turnover needing access to public wireless

Answer: B

NEW QUESTION 45

Refer to the exhibit.

Enforcement Policies - Corp SSID Access

Summary	Enforcement	Rules
Enforcement:		
Name:	Corp SSID Access	
Description:		
Enforcement Type:	RADIUS	
Default Profile:	Allow Internet Only Access	
Rules:		
Rules Evaluation Algorithm: First applicable		
Conditions	Actions	
1. (Tips:Role EQUALS employee)	Allow Full Access	
2. (Tips:Role EQUALS [Contractor])	Corp Secure Contractor	
3. (Tips:Role EQUALS Corp BYOD)	Secure Corp BYOD Access	

Configuration > Identity > Local Users

Local Users

Filter: Role contains employee Go Clear Filter

	User ID ▲	Name	Role
1.	john	john	[Employee]
2.	mike	mike	[Employee]
3.	neil	neil	[Employee]

Showing 1-3 of 3

what will be the enforcement for the user "neil"?

- A. Corp Secure Contractor
- B. Allow Full Access
- C. Secure Corp BYOD Access
- D. Allow internet Only Access

Answer: B

NEW QUESTION 47

Refer to the exhibit.

ClearPass Policy Manager

Configuration > Authentication > Sources > Add - Remote Lab AD

Authentication Sources - Remote Lab AD

Summary	General	Primary	Attributes	Backup 1	Backup 2
Name:	Remote Lab AD				
Description:					
Type:	Active Directory				
Use for Authorization:	<input checked="" type="checkbox"/> Enable to use this Authentication Source to also fetch role mapping attributes				
Authorization Sources:	<div> <div></div> <div>Remove</div> <div>View Details</div> </div> <div>-- Select --</div>				
Server Timeout:	10 seconds				
Cache Timeout:	36000 seconds				
Backup Servers Priority:	<div>Backup 1</div> <div>Backup 2</div> <div>Move Up</div> <div>Move Down</div>				
			Add Backup	Remove	

A client is attempting to authenticate using their Windows account with a bad password if the Remote Lab AD server is down for maintenance, what will be the expected result?

- A. ClearPass receives a timeout attempt when trying the Remote Lab AD server first
- B. It will then try the server Backup 1 and receive a result of Active Directory Authentication failed
- C. No further processing will occur.
- D. ClearPass try either server Backup 1 or Backup 2 depending on which has responded the fastest in prior attempts to authenticate ClearPass will then receive a result of Active Directory Authentication failed.No further processing will occur.
- E. ClearPass receives a timeout attempt when trying the Remote Lab AD server first
- F. It will then try the server Backup 1 and Backup 2; both will send a result authentication failed.
- G. ClearPass receive a timeout attempt when trying the Remote Lab AD server first

H. No further processing will occur until the Remote Lab AD server is marked as "Down" by the Administrator.

Answer: A

NEW QUESTION 51

When is it appropriate to use the built-in Local user database in ClearPass?

- A. In small-business environments where the user accounts rarely change and new accounts are uncommon.
- B. In a hospitality deployment for guest accounts created and managed by start
- C. In a public-facing guest network environment where the guests are prompted to self-register
- D. In a large campus environment where Students and Contractors account for 35.000 entries that change weekly

Answer: D

NEW QUESTION 55

An organization with 345 employees wants to have the guest create their own accounts for access to the public WLAN. and when guests reconnect they do not want the guest to have to tog in again
Which ClearPass features can be used to meet these requirements?

- A. ClearPass Onboard Portal
- B. Guest access with MAC caching
- C. Guest serf-registration with sponsor approval
- D. Enforcement based on endpoint profiling

Answer: B

NEW QUESTION 59

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